

**AUTOMATIC REMOTE LIGHTING SAFETY PILOT SYSTEM
WITH VARIABLE FLAME-HEIGHT REMOTE
FOR NATURAL OR PROPANE GAS**

**Models:
APK-17(M)(P)**



FEATURES:

- CONTROL OPERATED ON/OFF •
- VARIABLE FLAME-HEIGHT REMOTE •
- VARIABLE FLAME HEIGHT CONTROL •

SUITABLE FOR THE FOLLOWING BURNERS:

- PAN BURNERS (P-SERIES) •
- G4 SERIES BURNERS •
- G45 SERIES BURNERS •

APK-17 PILOT KITS

WARNING

If the information in this manual is not followed exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

WHAT TO DO IF YOU SMELL GAS:

- Open a window.
- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in the building.
- Immediately call the gas supplier from a neighbor's phone and follow the gas supplier's instructions.
- If you cannot reach the gas supplier, call the fire department.

Installation and service must be performed by an NFI Certified or other qualified professional installer, service agency, or the gas supplier.

INSTALLER & CONSUMER

These instructions **MUST** be retained with this appliance

Important: Read these instructions carefully before starting installation of the burner control system.

The Peterson Real-Fyre® burner system is to be installed only in a solid-fuel-burning fireplace with a working flue constructed of noncombustible material. Solid fuels shall not be burned in a fireplace where the unit is installed. The installation, including provisions for combustion, ventilation air, and required minimum permanent vent opening, must conform with the *National Fuel Gas Code (ANSI Z223.1/NFPA 54)* and applicable local building codes. In Canada, the installation must conform with the *Natural Gas and Propane Storage and Handling Installation Code (CSA-B-149.1)*. A damper stop clamp is included to maintain the minimum permanent vent opening and to prevent full closure of the damper blade. **The chimney damper must be fixed fully opened when burning the unit. The burner system is designed to burn with yellow flames; thus, adequate ventilation is absolutely necessary.**



**SYSTÈME DE PILOTE DE SÉCURITÉ DISTANCE DE L'ÉCLAIRAGE AUTOMATIQUE
AVEC TELECOMMANDE VARIABLE DE FLAMME HAUTEUR
D'GAZ NATUREL OU PROPANE**

**Modèles #
APK-17(M)(P)**



CARACTÉRISTIQUES:

- COMMANDE À ACTION ON / OFF •
- VARIABLE DE FLAMME HAUTEUR DISTANCE •
- CONTRÔLE DE LA HAUTEUR VARIABLE DES FLAMMES •

ADAPTÉ POUR LES FEUX SUIVANTES:

- BRÛLEURS PAN (P-SERIES) •
- BRÛLEURS SÉRIE G4 •
- G45 FEUX DE LA SÉRIE •

APK-17 KITS DE PILOTES

AVERTISSEMENT

Si les informations contenues dans ce manuel ne sont pas suivies à la lettre, un incendie ou une explosion pourraient s'ensuivre, causant des dommages matériels, des blessures ou des pertes de vie.

Ne pas entreposer ni utiliser d'essence ou d'autres vapeurs et liquides inflammables à proximité de cet appareil ou de tout autre.

QUE FAIRE SI UNE ODEUR DE GAZ:

- Ouvrez une fenêtre.
- Ne pas tenter d'allumer d'appareil.
- Ne touchez à aucun interrupteur électrique; n'utilisez aucun téléphone dans le bâtiment.
- Appeler immédiatement le fournisseur de gaz à partir du téléphone d'un voisin et suivez les instructions du fournisseur de gaz.

Installation et l'entretien doivent être effectués par une personne certifiée NFI ou un autre installateur professionnel qualifié, une agence de service ou le fournisseur de gaz.

INSTALLATEUR ET DE CONSOMMATION

Ces instructions doivent être conservées avec l'appareil

Important: Lire attentivement ces instructions avant de commencer l'installation du système de contrôle du brûleur.

La Peterson réel Fyre système de brûleur® doit être installé uniquement dans un foyer à combustible solide qui brûle avec une cheminée de travail construite en matériaux incombustibles. Les combustibles solides ne doit pas être brûlé dans un foyer où l'appareil est installé. L'installation, y compris les dispositions pour la combustion, l'air de ventilation et d'aération minimale requise ouverture permanente, doivent être conformes au Code national du gaz combustible (ANSI Z223.1/NFPA 54) et aux codes du bâtiment locaux. Au Canada, l'installation doit être conforme avec le stockage de gaz naturel et propane et le code d'installation de manutention (CSA B-149.1). Un collier d'arrêt d'amortissement est inclus pour maintenir l'ouverture de ventilation minimum permanent et pour empêcher la fermeture complète du clapet. Le registre de cheminée doit être fixé complètement ouvert lors de la combustion de l'appareil. Le système de brûleur est conçu pour brûler avec des flammes jaunes; ainsi, une ventilation adéquate est absolument nécessaire.



TABLE OF CONTENTS

GETTING STARTED

IMPORTANT INFORMATION	4
SPECIFICATIONS	4
REPLACEMENT PARTS LIST	5
NOTES PAGE	6

INSTALLATION

INSTALLATION	7
<i>PREPARATION</i>	7
<i>CONVERTING FOR DIFFERENT GAS TYPE</i>	7
<i>INSTALL VALVE</i>	7
<i>INSTALL FLAME DIVERTER BRACKET</i>	8
<i>INSTALL PILOT ASSEMBLY TO BURNER</i>	8
<i>CONNECT TO GAS SUPPLY</i>	9
<i>HEAT SHIELD PLACEMENT</i>	10
<i>DECORATIVE MEDIA REPLACEMENT</i>	10
<i>CONNECT REMOTE RECEIVER (if equipped)</i>	10

USE, CARE, & SERVICE

LIGHTING INSTRUCTIONS	11
<i>LIGHTING THE PILOT</i>	11
<i>REMOTE LIGHTING (if equipped)</i>	11
<i>MANUAL LIGHTING</i>	13
<i>PILOT BURNER CHECK/ADJUSTMENT</i>	15
<i>SHUTTING DOWN</i>	15
REMOTE OPERATING INSTRUCTIONS	15
<i>ORIENTATION</i>	15
<i>FLAME HEIGHT</i>	15
TROUBLESHOOTING	17
WARRANTY	18

IMPORTANT INFORMATION

CHECK TO BE SURE THAT THE PROPER FUEL GAS IS BEING USED WITH THIS PILOT KIT.

The installation, including provisions for combustion and ventilation air, must conform with local codes, or in the absence of local codes, with the National Fuel Gas Code (ANSI Z223.1/NFPA 54).

This component and its individual shutoff valve must be disconnected from the gas-supply piping system when testing at pressures that exceed 1/2 psig. This is accomplished by closing the gas-supply line valve.

This component must be isolated from the gas-supply piping system by closing its individual manual shutoff valve during any testing of the gas-supply system at test pressures up to and including 1/2 psig.

A fireplace screen must be in place when the gas burner system is in operation. Unless other provisions for combustion air are provided, the screen shall have an opening(s) for introduction of combustion air.

WHEN GLASS FIREPLACE ENCLOSURES (DOORS) ARE USED, OPERATE THE BURNER SYSTEM WITH THE GLASS DOORS FULLY OPEN; BOTH SIDES IF THE FIREPLACE IS A SEE-THROUGH TYPE.

This appliance may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. Installation of appliances designed for manufactured homes or mobile homes must conform with *Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280* in the U.S.; or with *CAN/CSA Z240 MH* in Canada; or with *ANSI/NCSBCS A225.1/NFPA 501A, Manufactured Home Installations Standard* when such a standard is not applicable.

Do not use this appliance if any part has been underwater. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control that has been underwater.

ALWAYS KEEP GRANULES AND ALL FOREIGN OBJECTS AWAY FROM THE PILOT ASSEMBLY AND VALVE ASSEMBLY.

IT IS CRITICAL THAT THE HEAT SHIELD BE PLACED CORRECTLY OVER THE VALVE FOR THE UNIT TO OPERATE CORRECTLY.

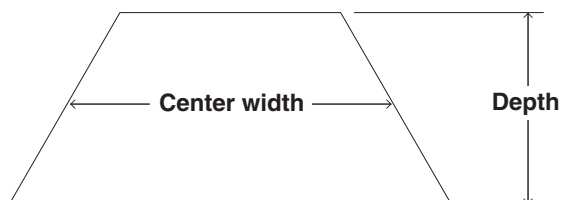
SPECIFICATIONS

Minimum firebox dimensions required for burner system
(with APK valve attached):

Burner size	Min. Firebox Dimensions		
	Center Width *	Depth	Height
16/19"	30"	11"	18"
18/20"	31"	14"	18"
24"	35"	14"	18"
30"	41"	15"	18"
36"	47"	16"	18"
42"	53"	16"	18"
48"	59"	16"	18"
54"	65"	16"	18"
60"	71"	16"	18"

Model	BTUs	
	Nat.	L.P.
APK-17	100 k	200 k

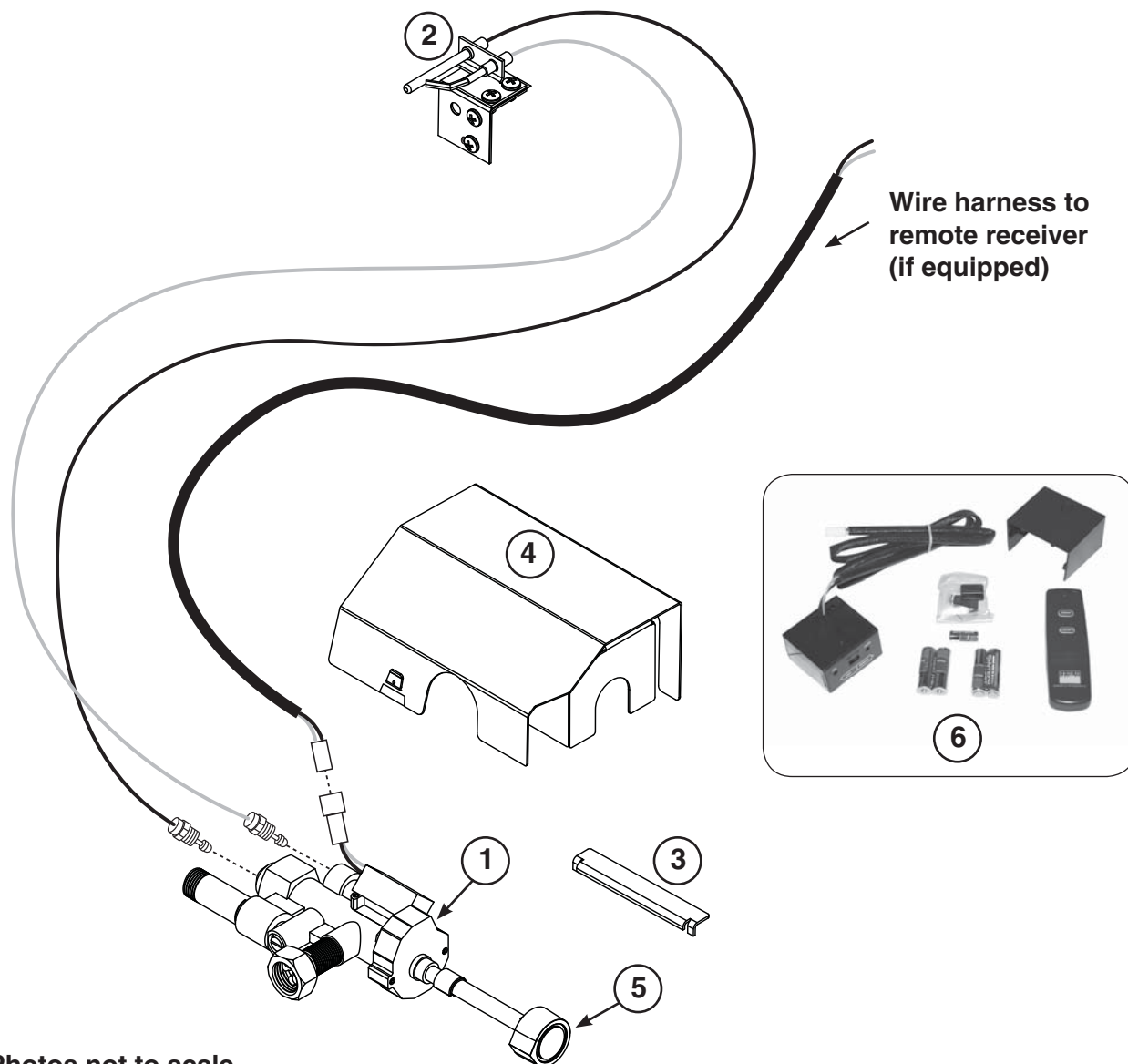
Table 2 - Maximum BTUs



* This required width allows for centering of the log set.

Table 1 - Minimum Firebox Dimensions

REPLACEMENT PARTS LIST



Note: Photos not to scale

Item	Description	Part No.	Qty.
1.	Control valve (natural)	SV-37	1
or	Control valve (propane)	SV-37P	1
2.	Pilot assembly (natural)	PAC-1NAT	1
or	Pilot assembly (propane)	PAC-1LP	1
3.	Flame diverter bracket	SH-1	1
4.	Valve heat shield	HS-35	1
5.	Control knob	KNOB-9	1
6.	Remote kit (if equipped)	VR-1A	1

Please use this page to record any information that you may want to have at hand.

INSTALLATION

This safety pilot system must be installed by a qualified professional service technician. Instructions must be followed carefully when installing to ensure proper performance and full benefit from the burner system and safety pilot system.

These instructions must be used as a supplement to the instructions supplied with the R.H. Peterson burner system. Follow the burner system instructions and make adjustments as appropriate for the addition of a safety pilot system. Use gas pipe sealing compound that is resistant to all gasses (or Teflon tape) and apply to all male pipe connections. Make sure that all connections are tight.

The valve system is shipped pre-assembled for easy installation onto the burner pan.

Note: Installation is easier when done outside of the fireplace.

PREPARATION

If the burner that the valve system is to be added to is already installed; remove all decorative media, set aside to be reinstalled later, and disconnect the flex connector and adapter from the burner pan (using the instructions that came with the original burner).

CONVERTING FOR DIFFERENT GAS TYPE

CAUTION: Check to be sure this pilot kit is designed and labeled for the type of gas (natural or propane gas) supplied to the fireplace.

The safety pilot kit may require a pilot orifice conversion. Replace the existing gas orifice with the opposite gas orifice (contained in the envelope marked "L.P. GAS" or "NAT GAS") by carefully removing the pilot gas supply line. Re-attach the pilot gas supply line to the pilot when done. Reference Fig. 7-1.

CAUTION: During any conversions, all components must be set/converted for the appropriate gas type (i.e. burner orifice, regulator, etc.). Contact your dealer and a qualified professional service technician.

INSTALL VALVE

1. Apply gas pipe sealing compound (or Teflon tape) to the male end of the fuel injector or air mixer on the burner.
2. Install the valve to the fuel injector or air mixer by screwing the pan into the valve (Fig. 7-2). Take care not to damage the attached pilot assembly when rotating the burner pan. Be sure all connections are tight.

Important: Ensure the valve is positioned parallel with the fireplace floor. Adjust as necessary.

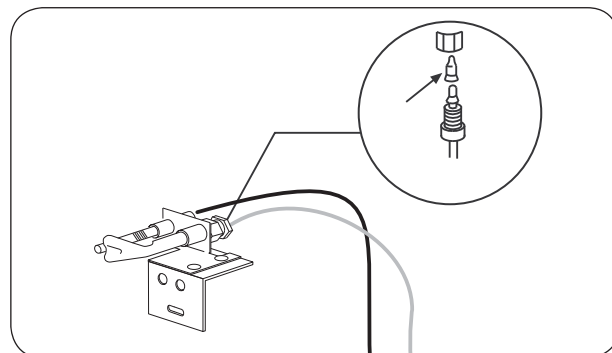


Fig. 7-1 Pilot conversion (only if applicable)

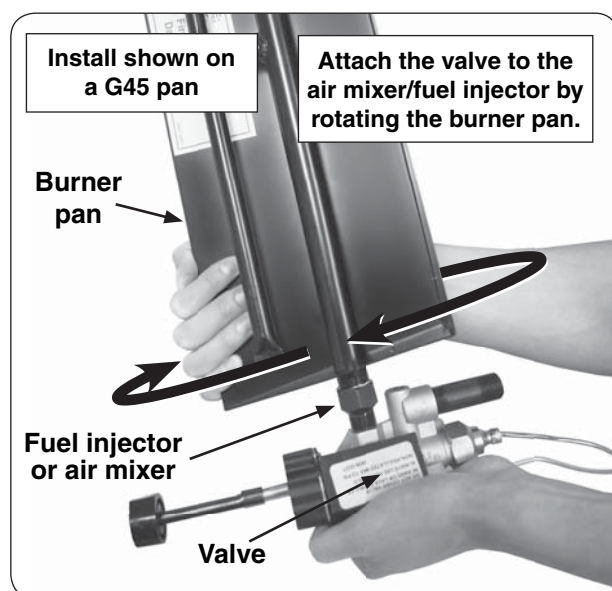


Fig. 7-2 Install valve

INSTALL FLAME DIVERTER BRACKET

For installation on G4/G45 burners only. When properly installed onto the burner pan, the flame diverter bracket will promote quicker ignition and protect the safety control system from overheating.

Note: You must first install the flame diverter bracket before installing the pilot/igniter assembly.

1. Place the flame diverter bracket over the side edge of the burner pan, near the location the safety control system pilot bracket will be attached. It should be placed **approximately 1-1/4"** from the rear wall of the burner pan (see Fig. 8-1).
2. Tap the bracket lightly with a hammer to secure it in place.

INSTALL PILOT ASSEMBLY TO BURNER

CAUTION: Use only the pilot assembly pre-assembled with this kit. Never substitute with an existing pilot.

CAUTION: Do not kink or damage the pilot supply tube and thermocouple lead. Do not unscrew the gas line from the valve.

1. The pilot assembly comes with two Phillips screws installed on the long side of the pilot bracket. Remove the screws and use them to fasten the pilot assembly to the burner pan using the pre-drilled holes in the pan (see Fig. 8-2 and Fig. 8-3).

Note: Ensure the insulation is properly in place over the pilot bracket. Screw from the inside of burner pan.

2. The valve is shipped with the pilot supply tube and thermocouple lead bent in an ideal manner to prevent damage / unsafe operation, and to allow for proper heat shield placement. Maintain this orientation at all times (reference Fig. 8-3).

WARNING: Keep the pilot assembly clear at all times. Never cover any part of the pilot assembly.

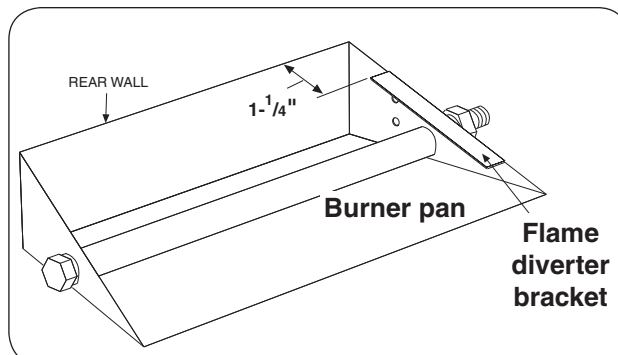


Fig. 8-1 Install diverter bracket (if applicable)

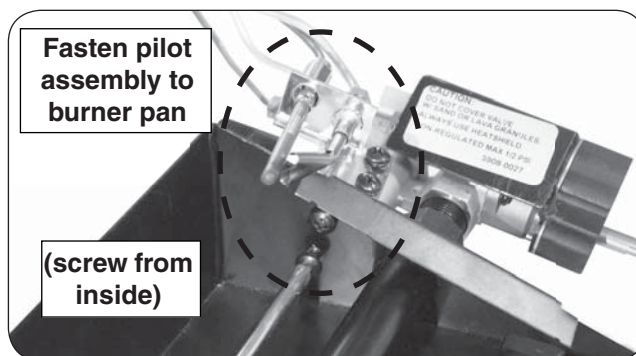


Fig. 8-2 Install pilot assembly

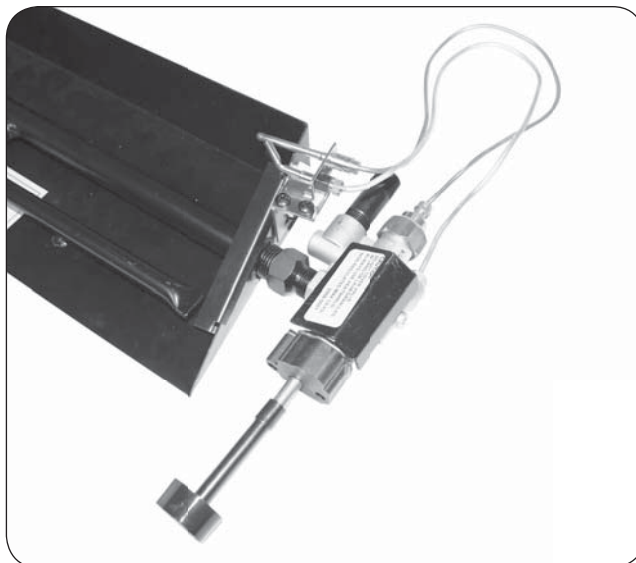


Fig. 8-3 Proper tube & lead orientation

CONNECT TO GAS SUPPLY

To connect the valve to the gas supply, the flex connector kit and component parts will be needed, which are included with the burner system. Refer to the PARTS LIST in the instructions supplied with the burner to identify the key parts needed.

1. MAKE SURE THE FIREPLACE GAS SUPPLY IS TURNED OFF.
2. Locate the gas-supply stub inside the fireplace and remove the cap, if attached.

CAUTION: When removing the cap, make sure the stub does not turn, loosening the connection inside the wall.

3. Attach the small adapter (included with burner flex connector kit) to the gas nipple on the control valve using a pipe compound resistant to all gasses. Tighten securely. Then attach one end of the connector to the small adapter. Tighten securely. See Fig. 9-1.
4. Place the burner system in the fireplace. Center the burner in the fireplace.
5. **Be sure gas to the fireplace is off.** Attach the large adapter (included with burner flex connector kit) to the gas-supply stub using a pipe compound resistant to all gasses. Tighten securely. Then attach the open end of the flex connector to the large adapter. Tighten securely.
6. **LEAKTEST:** Turn on the fireplace gas supply, and test at all connections for leaks using the appropriate soapy water solution. If bubbles appear, a leak is present. Turn off the gas and tighten at all connections. Repeat until no leaks are present. If a leak persists, turn off the gas supply and contact the local gas company or dealer. **NEVER USE A FLAME TO CHECK FOR LEAKS.**
7. Follow the instructions supplied with the Peterson burner system for any additional requirements regarding specific burner setup and placement.

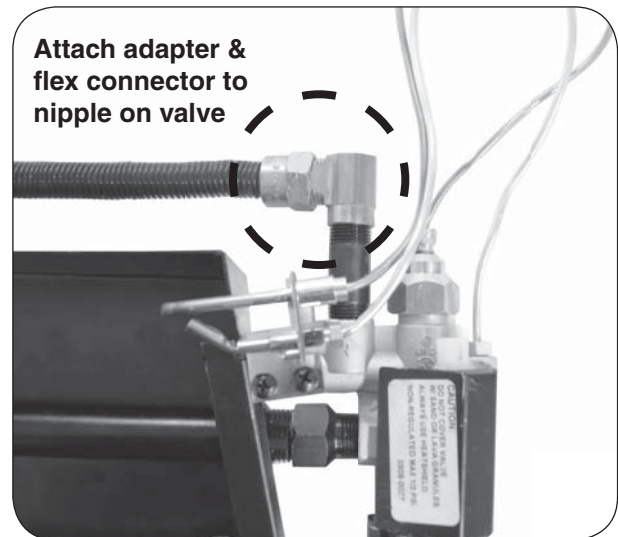


Fig. 9-1 Install flex connector to valve

CONNECT REMOTE RECEIVER (if equipped)

1. Discard the black wires that come with the remote receiver. Connect the valve wire harness to the valve as shown in Fig. 10-1.
2. Connect the valve wire harness to the remote receiver as shown in Fig. 10-2.
3. Place the receiver as far from the burner system as possible.
4. Place the plastic cover over the remote receiver with the open side facing front to allow access to the receiver controls.

HEAT SHIELD PLACEMENT

Cover the valve with the heat shield as shown in Fig. 10-3 and Fig. 10-4. **It is critical that the heat shield be placed correctly over the valve for the unit to operate properly.** Keep the area above the heat shield clear of decorative media or any other object.

Important: Ensure the pilot supply tube does not interfere with heat shield placement.

CAUTION: Always keep granules and all foreign objects away from the pilot assembly and valve assembly.

DECORATIVE MEDIA REPLACEMENT

Refer to the burner instructions for proper replacement of decorative media.

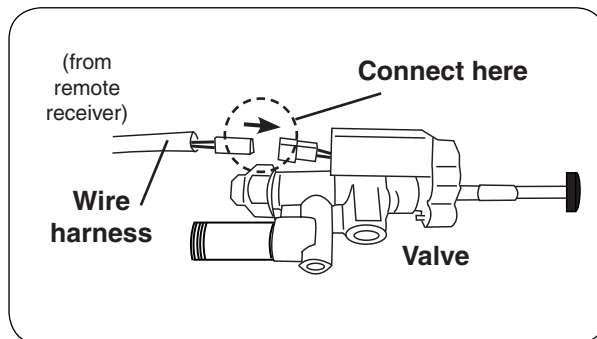


Fig. 10-1 Connect harness to valve

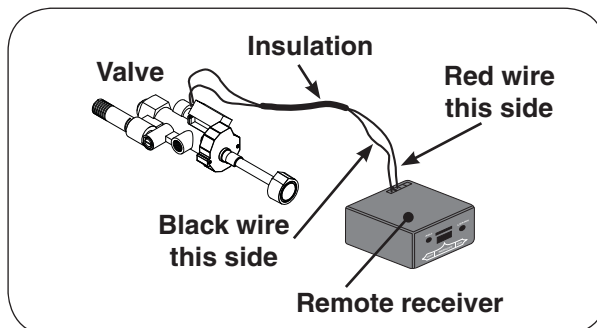


Fig. 10-2 Connect harness to receiver

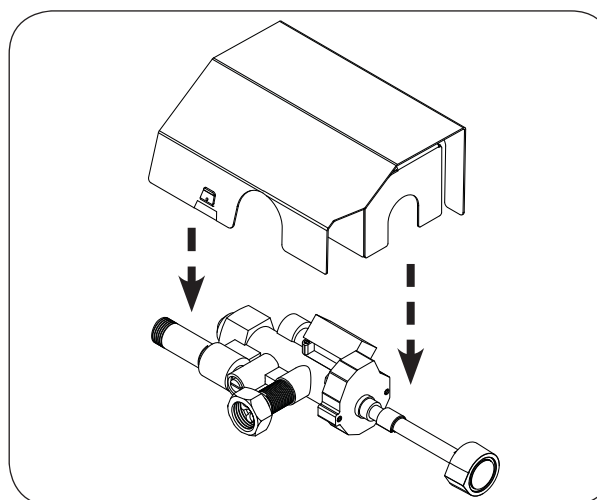


Fig. 10-3 Place heat shield

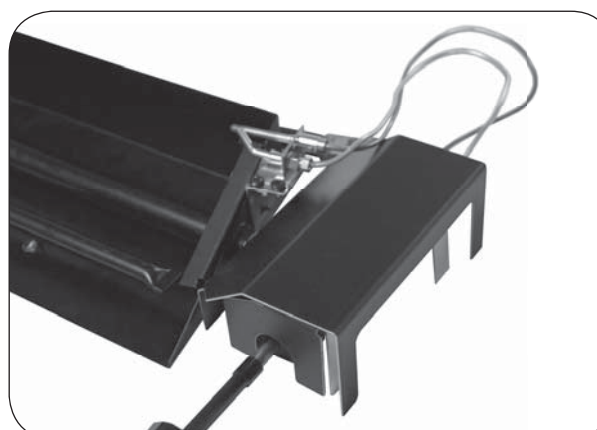


Fig. 10-4 Heat shield properly placed

LIGHTING INSTRUCTIONS

FOR YOUR SAFETY READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified professional service technician. Excessive force or attempted repair may result in fire or explosion.
- B. **BEFORE OPERATING**, smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

- Do not light any appliance.
 - Do not touch any electric switch; do not use any phone in your building.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions. If you cannot reach your gas supplier, call the fire department.
- C. The burner system has a pilot that can be lit by hand using a match or long-necked lighter. When lighting the pilot, follow these instructions exactly.
 - D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water. Attempted operation may result in fire or explosion resulting in property damage, personal injury or loss of life.

LIGHTING THE PILOT

1. Locate the valve on the side of the unit. Push in the gas control knob slightly and turn clockwise to **OFF** (Fig. 11-1).

Note: The control knob cannot be turned from **PILOT** to **OFF** unless the knob is pushed in slightly. Do not force.

Allow five (5) minutes for any gas in the unit to dissipate. IF YOU SMELL GAS, SEE STEP B ABOVE. If you don't smell gas, go on to step 2.

2. Turn the control knob counterclockwise to **PILOT** (Fig. 11-1). Push the control knob **firmly and fully** in and hold. Hold a long fireplace match or lighter near the thermocouple to light the pilot. Continue to hold the control knob in for approximately 60 seconds after the pilot is lit, then release the knob. The pilot will remain lit.

WARNING: If the pilot fails to light repeat steps 1 and 2.

If the pilot fails to light after several tries, turn the control knob to **OFF** and contact a qualified professional service technician.

REMOTE LIGHTING (if equipped)

Note: Step 1 may not be required if previously done during an earlier lighting.

1. Ensure the pilot is burning. Then locate the 3-position switch on the remote receiver (see Fig. 11-2), and slide the switch to the **REMOTE** position.

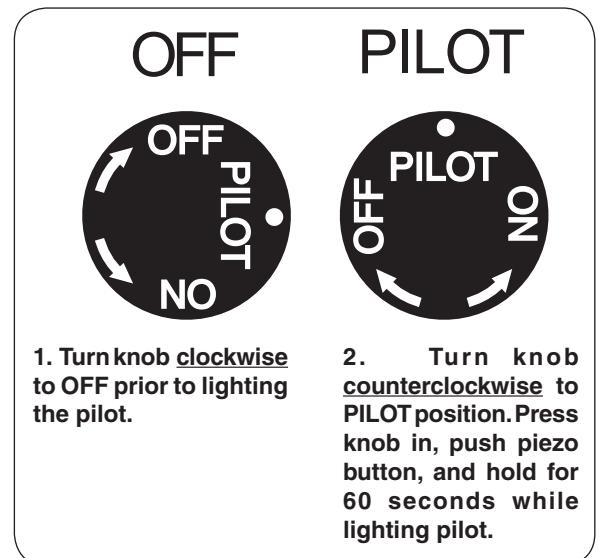


Fig. 11-1 Control knob detail (OFF, PILOT)

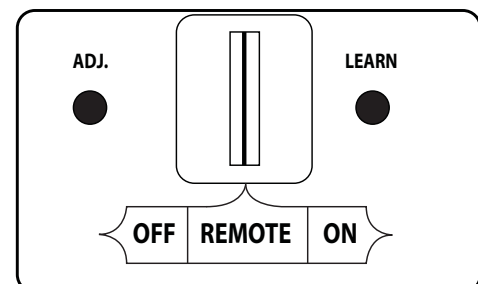


Fig. 11-2 Remote receiver detail (REMOTE)

INSTRUCTIONS D'ALLUMAGE

POUR VOTRE SÉCURITÉ LISEZ AVANT D'ALLUMER

AVERTISSEMENT: Si vous ne suivez pas ces instructions à la lettre, un incendie ou une explosion entraînant des dommages matériels, des blessures ou des pertes de vie.

- A.** N'utilisez que votre main pour enfoncer ou tourner le bouton de contrôle du gaz. Ne jamais utiliser d'outils. Si le bouton ne sera pas enfoncer ou à tourner à la main, n'essayez pas de le réparer. Appelez un technicien de service qualifié. Une force excessive ou une tentative de réparation pourrait provoquer un incendie ou une explosion.
- B. AVANT DE FAIRE FONCTIONNER,** sentez autour de l'appareil pour le gaz. Assurez-vous de sentir près du plancher, car certains gaz sont plus lourds que l'air et se déposent sur le sol.

QUE FAIRE SI UNE ODEUR DE GAZ

- Ne pas allumer l'appareil.
 - Ne touchez à aucun interrupteur électrique; n'utilisez aucun téléphone dans votre bâtiment.
 - Appelez immédiatement votre fournisseur de gaz à partir du téléphone d'un voisin. Suivez les instructions du fournisseur de gaz. Si vous ne pouvez joindre votre fournisseur de gaz, appeler les pompiers.
- C.** Le système de brûleur a un pilote qui peut être allumée en utilisant une allumette ou briquet long cou. Pour allumer la veilleuse, suivez ces instructions à la lettre.
- D.** Ne pas utiliser cet appareil si une partie quelconque a été submergée. Appelez immédiatement un technicien de service qualifié pour inspecter l'appareil et pour remplacer toute pièce du système de contrôle et toute commande de gaz qui a été sous l'eau. Tentative d'opération peut entraîner un incendie ou une explosion entraînant des dommages matériels, des blessures ou des pertes de vie.

ALLUMAGE DE LA VEILLEUSE

1. Localiser la vanne sur le côté gauche de l'appareil. Appuyer sur le bouton de contrôle du gaz et tourner dans le sens horaire en position **OFF** (Fig. 12-1).

Note: Le bouton de commande ne peut être activée à partir **PILOTE** sur **OFF** si le bouton est enfoncé légèrement. Ne pas forcer.

Attendez cinq (5) minutes pour n'importe quel gaz dans l'unité de se dissiper. S'IL YA UNE ODEUR DE GAZ, voir l'étape B CI-DESSUS. Si vous ne sentez pas de gaz, passez à l'étape 2.

2. Tournez le bouton de réglage dans le sens antihoraire pour **PILOTE** (Fig. 12-1). Appuyez sur le bouton de commande **fermement et pleinement** enfoncée. Tenir un long match de cheminée ou un briquet à proximité du thermocouple pour allumer la veilleuse. Continuez à tenir le bouton de commande pendant environ 60 secondes après que le pilote est allumé, puis relâchez le bouton. Le pilote reste allumé.

AVERTISSEMENT: Si le pilote ne s'allume pas, répétez les étapes 1 et 2.

Si le pilote ne s'allume pas après plusieurs essais, tournez le bouton de commande sur **OFF** et contactez un technicien qualifié.

DISTANCE DE L'ÉCLAIRAGE (le cas échéant)

Note: Étape 1 ne peut être exigé s'il a déjà été fait au cours d'un éclairage plus tôt.

1. Assurer la veilleuse est allumée. Ensuite, localisez le commutateur à 3 positions sur le récepteur de la télécommande (voir Fig. 12-2), Et faites glisser le commutateur sur la position **REMOTE**.

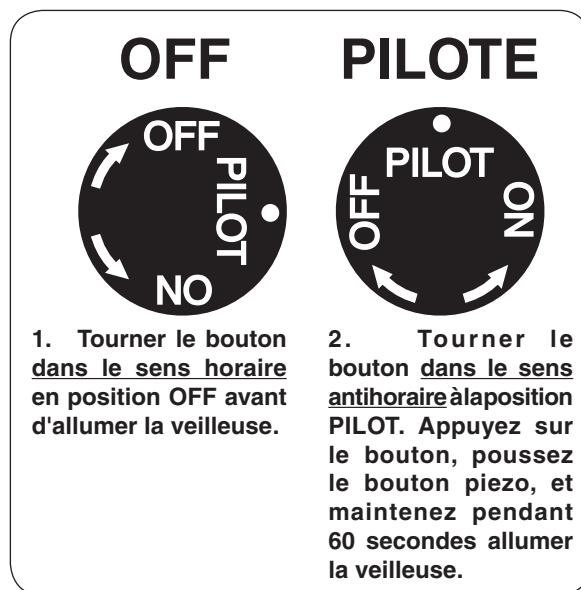


Fig. 12-1 Détail bouton de commande (OFF, PILOTE)

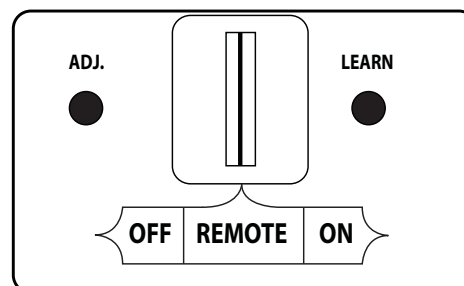


Fig. 12-2 Détail récepteur de télécommande (REMOTE)

2. Locate the remote transmitter and press the **ON/HI** button (see Fig. 13-1). The ignition sequence will begin.

Note: Upon initial use or after an extended period of no use, the **ON/HI** button may have to be pressed for up to 3 seconds.

The remote receiver will emit an audible "beep"; then the valve will automatically open and the burner will light. Adjust to the desired setting with the remote transmitter. See the **REMOTE OPERATING INSTRUCTIONS** section for details.

Note: The ignition sequence will take approximately 5 seconds.

WARNING: If the burner fails to light within 10 seconds, press and hold the **OFF** button on the remote transmitter and/or slide the switch to the **OFF** position. Allow five (5) minutes for any gas in the unit to dissipate, then repeat steps 1 and 2 above. **IF YOU SMELL GAS, SEE STEP B AT BEGINNING OF LIGHTING INSTRUCTIONS.**

If the burner fails to light after several tries, turn all control/remote system components to **OFF** and contact a qualified professional service technician.

MANUAL LIGHTING

1. Ensure the pilot is burning. If equipped, locate the 3-position switch on the remote receiver (see Fig. 13-2), and slide the switch to the **OFF** position.
2. Turn the gas control knob counterclockwise to **ON** (Fig. 13-3) to ignite the burner. The valve will open and the burner will light.

Note: The ignition sequence will take approximately 5 seconds.

WARNING: If the burner fails to light within 10 seconds, turn the control knob clockwise to **PILOT**. Allow five (5) minutes for any gas in the unit to dissipate, then repeat step 2 above. **IF YOU SMELL GAS, SEE STEP B AT BEGINNING OF LIGHTING INSTRUCTIONS.**

If the burner fails to light after several tries, push in the control knob slightly and turn clockwise to **OFF**, and contact a qualified professional service technician.

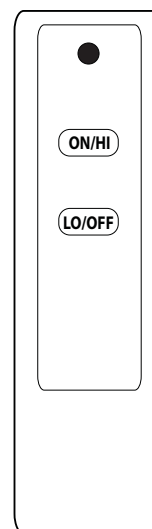


Fig. 13-1 Remote transmitter detail

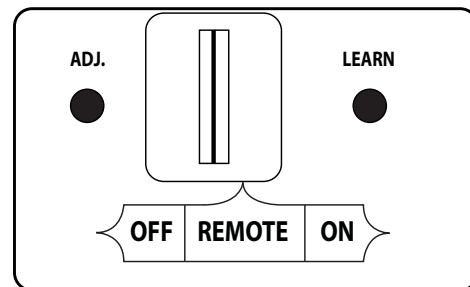


Fig. 13-2 Remote receiver (OFF for Manual Light)

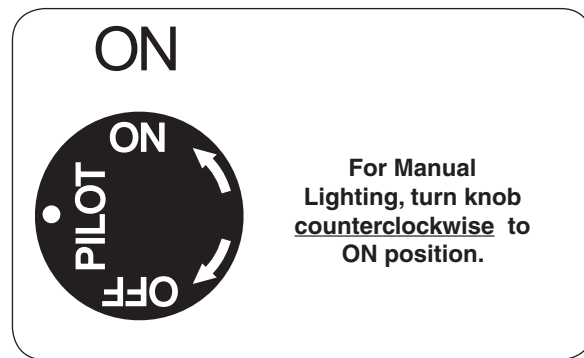


Fig. 13-3 Control knob detail (ON)

- Localisez la télécommande et appuyez sur le bouton **ON/Hi** (voir Fig. 14-1). La séquence d'allumage commencera.

Note: Lors de la première utilisation ou après une longue période de non utilisation, la touche **ON/Hi** bouton peut être pressé pendant 3 secondes.

Le récepteur de la télécommande émettra un «bip» sonore, puis la vanne s'ouvre automatiquement et le brûleur s'allume. Choisissez le réglage souhaité avec la télécommande. Voir la section INSTRUCTIONS DE FONCTIONNEMENT A DISTANCE pour plus de détails.

Note: La séquence d'allumage dure environ 5 secondes.

WARNING: Si le brûleur ne s'allume pas dans les 10 secondes, appuyez et maintenez le bouton OFF de la télécommande, ou faites glisser le commutateur sur la position OFF. Attendez cinq (5) minutes pour n'importe quel gaz dans l'unité à se dissiper, puis répétez les étapes 1 et 2 ci-dessus. S'IL Y A UNE ODEUR DE GAZ, voir étape b AU DÉBUT DE INSTRUCTIONS D'ALLUMAGE.

Si le brûleur ne s'allume pas après plusieurs essais, tournez tout contrôle / composants du système à distance sur **OFF** et contacter un technicien professionnel qualifié.

ALLUMAGE MANUEL

- Assurer la veilleuse est allumée. Si vous êtes équipé, localisez le commutateur à 3 positions sur le récepteur de la télécommande (voir Fig. 14-2), Et faites glisser le commutateur sur la position **OFF**.
- Tournez le bouton de contrôle du gaz dans le sens antihoraire sur **ON** (Fig. 14-3) pour allumer le brûleur. La vanne s'ouvre et le brûleur s'allume.

Note: La séquence d'allumage dure environ 5 secondes.

WARNING: Si le brûleur ne s'allume pas dans les 10 secondes, tournez le bouton de commande vers la droite pour **PILOT**. Attendez cinq (5) minutes pour n'importe quel gaz dans l'unité à se dissiper, puis répétez l'étape 2 ci-dessus. S'IL Y A UNE ODEUR DE GAZ, voir étape b AU DÉBUT DE INSTRUCTIONS D'ALLUMAGE.

Si le brûleur ne s'allume pas après plusieurs tentatives, appuyez sur le bouton de commande et tournez légèrement à OFF et contactez un technicien qualifié.

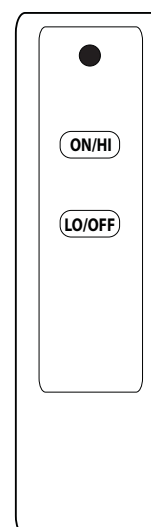


Fig. 14-1 Détail télécommande

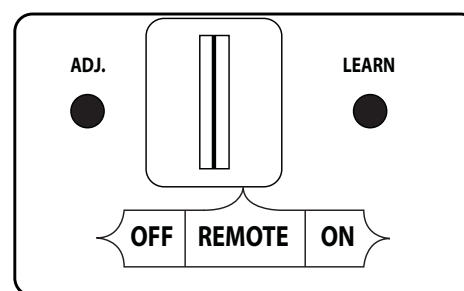


Fig. 14-2 Récepteur de la télécommande (OFF pour Light Manual)



Fig. 14-3 Détail bouton de commande (SUR)

PILOT BURNER CHECK/ADJUSTMENT

With the pilot burner lit and the control knob in the pilot position, check the pilot system for proper flame size and appearance (see Fig. 15-1). The pilot adjustment screw is located on the front of the gas valve (see Fig. 15-1). Using a small flat head screwdriver, adjust the pilot screw to properly size the flames. Turning the screw clockwise will lower the flames, and turning it counterclockwise will raise them. Be careful not to back the screw out of its threads.

The pilot flame should be a quiet, soft blue flame with yellow tipping that encircles the thermocouple tip.

SHUTTING DOWN

To extinguish the main burner (pilot will remain lit):

- **For a remote shut down**, press and hold the **LO/OFF** button on the remote transmitter until the burner shuts off.

If your remote is lost, slide the switch on the receiver to the **OFF** position.

- **For a manual shutdown**, turn the control knob clockwise to **PILOT**.

To extinguish the pilot:

- Push in the control knob slightly and turn clockwise to **OFF**.

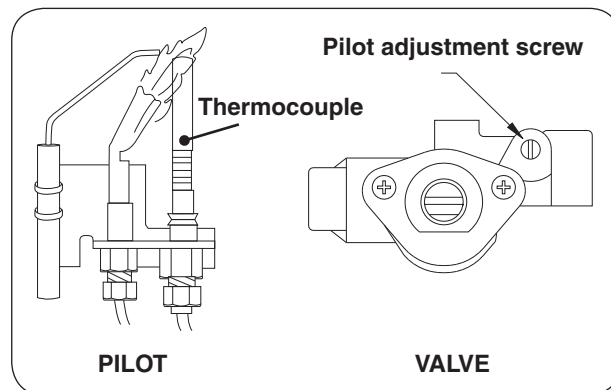


Fig. 15-1 Pilot adjustment detail

REMOTE OPERATING INSTRUCTIONS

ORIENTATION

Prior to remote transmitter use, light the appliance per the REMOTE LIGHTING section. Familiarize yourself with the transmitter keys, as illustrated in Fig. 15-2.

Identify the two transmitter keys:

- **ON/HI KEY:** This keys turn the system ON, and increases the flame height.
- **LO/OFF KEY:** This keys decreases the flame height and turn the system OFF.

FLAME HEIGHT

The flame height may be adjusted via the remote transmitter. Press and hold the **ON/HI** key to increase the flame height. Press and hold the **LO/OFF** key to decrease the flame height.

Note: Continuing to hold the **LO/OFF** key will turn off the burner.

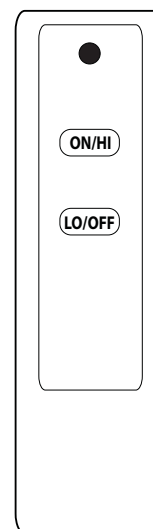


Fig. 15-2 Remote transmitter detail

VEILLEUSE CONTROLE/REGLAGE

Avec le brûleur de la veilleuse allumée et le bouton de commande dans le poste de pilotage, vérifier le système de pilotage de la taille de la flamme correspondant et l'apparence (voir Fig. 16-1). La vis de réglage de la veilleuse se trouve sur la face de la soupape à gaz (voir Fig. 16-1). L'aide d'un petit tournevis à tête plate, ajustez la vis de la veilleuse pour dimensionner correctement les flammes. Tourner la vis dans le sens horaire réduira les flammes, et en tournant dans le sens antihoraire leur susciterai. Veillez à ne pas desserrer la vis de ses fils.

La flamme de la veilleuse devrait être tranquille, flamme bleu pâle avec des pointes jaunes qui entoure la pointe du thermocouple.

ARRÊT

Pour éteindre le brûleur principal (pilote restera allumé):

- **Pour éteindre à distance**, appuyez et maintenez le bouton **LO/OFF** sur la télécommande jusqu'à ce que le brûleur est éteint.
- **Si la télécommande est perdue**, faites glisser l'interrupteur du récepteur sur la position **OFF**.
- **Pour un arrêt manuel**, tournez le bouton de commande vers la droite pour PILOT.

Pour éteindre le pilote:

- Appuyez sur le bouton de commande et tournez légèrement sur **OFF**.

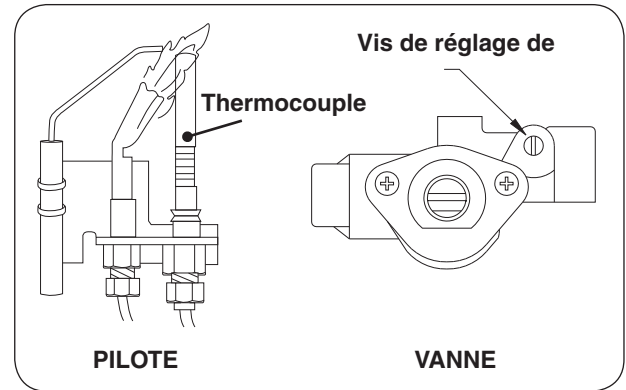


Fig. 16-1 Détail réglage de la veilleuse

MODE D'EMPLOI À DISTANCE

ORIENTATION

Avant la première utilisation télécommande, allumez l'appareil pour la section d'éclairage à distance. Familiarisez-vous avec les touches de l'émetteur, comme illustré dans la Fig. 16-2.

Identifier les touches de l'émetteur deux:

- **ON/HI TOUCHE:** Ce clés allumer le système, et augmente la hauteur de la flamme.
- **LO/OFF TOUCHE:** Ce touches diminue la hauteur de la flamme et mettre le système hors tension.

HAUTEUR DE LA FLAMME

La hauteur des flammes peut être réglée via la télécommande. Appuyez et maintenez le bouton **ON/HI** pour augmenter la hauteur de la flamme. Appuyez et maintenez la **LO/OFF** pour diminuer la hauteur de la flamme.

Note: Continuer à maintenir la touche **LO/OFF** éteindre le brûleur.

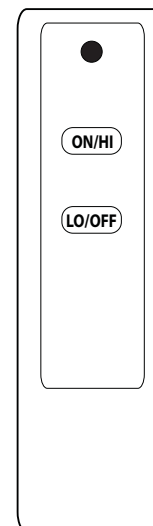


Fig. 16-2 Détail télécommande

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
1. Pilot will not light	a. Obstruction in pilot gas supply or pilot gas-supply line is kinked b. Inadequate gas supply c. Air in line	a. Clear out obstruction. Replace pilot gas-supply line if kinked b. Have gas pressure checked by installer or gas supplier c. Air should clear; attempt to relight
2. Pilot will not stay lit after releasing knob	a. Thermocouple connection to valve either too tight or too loose b. Bad thermocouple	a. Thermocouple should be finger tight and then 1/8" turn with a wrench b. Replace thermocouple
3. Log set extinguishes a few minutes after lighting	a. Inadequate gas supply causes pilot flame to reduce after burner lights	a. Using pilot adjustment, increase gas to pilot. Pilot flame must be in contact with the thermocouple tip.
4. Log set extinguishes after burning for some time (approximately 10 minutes to 1 hour)	a. Thermocouple has overheated; glass doors are closed b. Thermocouple has overheated; insulation pad is not in place c. Thermocouple has overheated; burner flames are heating the thermocouple cold junction	a. Be sure glass doors are open during operation b. Be sure that the insulation pad is in place between the burner pan and the pilot bracket c. Be sure the pilot assembly and the flame diverter are in their proper position. Re-arrange logs so that flame is not deflected to the thermocouple.
5. Valve will not turn "OFF" with remote	a. Valve over heated b. Low batteries	a. Ensure that the valve heat shield is properly placed and no gas leaks are present at the valve gas fittings b. Replace batteries in remote receiver

WARRANTY

PETERSON VENTED DECORATIVE GAS APPLIANCE LIMITED WARRANTY

Robert H. Peterson Co. ("RHP") warrants your Real Fyre® vented decorative gas appliance to be free from defects in material and workmanship.

Peterson vented gas logs are warranted for **as long as you own them (lifetime)**.

Peterson vented burner assemblies are **WARRANTED for TEN (10) YEARS**. Peterson vented outdoor stainless-steel burner assemblies are warranted for **FIVE (5) YEARS**.

Peterson glass, gems, nuggets are warranted for **FIVE (5) YEARS**.

SPK-26 controls are warranted for **THREE (3) YEARS**.

APK-17 controls (including -17 valve) are warranted for **TWO (2) YEARS**.

All other Peterson valves, pilots, and controls are warranted for **ONE (1) YEAR (excluding batteries)**.

A COPY OF YOUR SALES SLIP FOR PROOF OF PURCHASE IS REQUIRED

This warranty applies to the original purchaser for products installed in the United States or Canada and operated and maintained as intended for single family residential usage. It commences on the date of purchase and is valid only with proof of purchase.

This warranty **does not** cover components becoming defective through negligence, misuse, use not in compliance with the Installation & Owner's Manual, accidental damage, improper handling, improper storage, improper installation, lack of required routine maintenance (as specified in the Installation & Owner's Manual), electrical damage, local gas impurities or failure to protect against combustibles. Product must be installed (and gas must be connected) as specified in the Installation & Owner's Manual by a **qualified professional installer**. Modifications which are not specifically authorized will void this warranty. Accessories, parts, valves, remotes, etc when used must be Peterson product or warranty is void. Warrantied items will be repaired or replaced at Peterson's sole discretion.

This warranty **does not** apply to rust, corrosion, oxidation, or discoloration unless the affected component becomes inoperable. This warranty **does not** cover labor or labor related charges.

This warranty specifically excludes liability for **indirect, incidental**, or consequential damages. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specified legal rights, and you may have other rights that vary from state to state or province.

For additional information regarding this warranty, or to place a warranty claim, contact the R. H. Peterson dealer where the product was purchased.

**TO REGISTER YOUR PRODUCT ONLINE GO TO: WWW.RHPETERSON.COM,
AND CLICK ON PRODUCT REGISTRATION. THANK YOU FOR YOUR PURCHASE.**

Quality Check		Date: _____	
Leak Test: _____	Burn Test: _____	Gas Type: _____	Nat. / L.P.
Inspector: _____			